

Резюме: Завриев Сергей Кириакович



Адрес

Федеральное государственное
бюджетное учреждение науки
Институт биоорганической химии им.
академиков М.М. Шемякина и Ю.А.
Овчинникова Российской академии
наук, Москва, Россия

Контакты

szavriev@ibch.ru
<https://www.ibch.ru/ru/users/37>

Образование

1970– 2005	Россия, Москва		Звание член-корреспондента РАСХН (с 2015 года член-корреспондент РАН)
1970– 1996	Россия, Москва		Утверждён в звании профессора
1970– 1985	Россия, Москва	Московский государственный университет имени М.В. Ломоносова (МГУ), биологический факультет	Присуждена учёная степень доктора биологических наук по специальности молекулярная биология
1970– 1975	СССР (Грузия), Тбилиси	Тбилисский государственный университет	Присуждена учная степень кандидата биологических наук по специальности биофизика
1966– 1971	СССР (Грузия), Тбилиси	Тбилисский государственный университет	Диплом биофизика

Работа в ИБХ

2018–наст.вр.	Заведующий отделом
2018–наст.вр.	Главный научный сотрудник
2018–2025	Заведующий лабораторией

Членство в советах и комиссиях ИБХ

Методическая комиссия
Ученый совет
Диссертационный совет
Аттестационная комиссия

Владение языками

русский, английский, немецкий

Степени и звания

Член-корреспондент РАН

Профессор

Доктор наук (Биологические науки, 03.00.03 — Молекулярная биология)

Ссылки и контакты

Scopus: [57196740977](#), ORCID: [0000-0002-6741-8175](#)

Гранты и проекты

- 2016– [Разработка новых подходов на основе принципов иммуно-ПЦР для детекции и изучения биологически значимых антигенов и антител, обнаружение которых требует сверхвысокой чувствительности](#)
- 2022– [Поли\(АДФ-рибоза\) полимераза \(PARP\) и устойчивость растений к биотическим и абиотическим стрессам](#)
- 2019– [Комплексное исследование малоизученных групп штаммов грибов рода *Fusarium* с целью установления их таксономического статуса и определения патогенных свойств](#)

Публикации

1. Erokhina TN, Ryabukhina EV, Lyapina IS, Ryazantsev DY, **Zavriev SK**, Morozov SY (2025). Promising Biotechnological Applications of the Artificial Derivatives Designed and Constructed from Plant microRNA Genes. *Plants (Basel)* 14 (3), 325, [10.3390/plants14030325](#)
2. Ryazantsev DY, Gabrielyan NG, Polyakova SM, **Zavriev SK** (2024). Immuno-RCA for highly sensitive detection of the antigen-antibody complex in the blood group antigen model. *Russ J Immunol* 27 (4), 781–787, [10.46235/1028-7221-16921-IRF](#)
3. Stakheev AA, Taliansky M, Kalinina NO, **Zavriev SK** (2024). RNAi-Based Approaches to Control Mycotoxin Producers: Challenges and Perspectives. *J Fungi (Basel)* 10 (10), 682, [10.3390/jof10100682](#)
4. Kalinina NO, Spechenkova N, Ilina I, Samarskaya VO, Bagdasarova P, **Zavriev SK**, Love AJ, Taliansky M (2024). Disruption of Poly(ADP-ribosyl)ation Improves Plant Tolerance to Methyl Viologen-Mediated Oxidative Stress via Induction of ROS Scavenging Enzymes. *Int J Mol Sci* 25 (17), 9367, [10.3390/ijms25179367](#)
5. Stakheev AA, Kutukov RR, Taliansky ME, **Zavriev SK** (2024). Investigating the Structure of the Components of the PolyADP-Ribosylation System in *Fusarium* Fungi and Evaluating the Expression Dynamics of Its Key Genes. *Acta Naturae* 16 (3), 83–92, [10.32607/actanaturae.27450](#)
6. Erokhina TN, Ryazantsev DY, **Zavriev SK**, Morozov SY (2024). Biological Activity of Artificial Plant Peptides Corresponding to the Translational Products of Small ORFs in Primary miRNAs and Other Long “Non-Coding” RNAs. *Plants (Basel)* 13 (8), 1137, [10.3390/plants13081137](#)
7. **Zavriev S**, Borisova O (2024). COVID-19 PANDEMIC: ECONOMIC AND POLITICAL IMPLICATIONS. *Mirovaia Ekon Mezhdunar Otnosheiiia* 68 (3), 128–136, [10.20542/0131-2227-2024-68-3-128-136](#)
8. Timofeev VI, Abramchik YA, Shevtsov MB, Kostromina MA, **Zavriev SK**, Zayats EA, Esipov RS, Kuranova IP (2023). X-ray structure of recombinant house dust mite allergen Der p 3. *MENDELEEV COMMUN* 33 (6), 796–798, [10.1016/j.mencom.2023.10.019](#)
9. Stakheev AA, Uskov AI, Varitsev YA, Galushka PA, Uskova LB, Zhevora SV, **Zavriev SK** (2023). Study of potato Y-virus isolates widespread in various regions of the Russian Federation using new molecular markers. *Zemledelie* (6), 37–40, [10.24412/0044-3913-2023-6-37-40](#)
10. Spechenkova N, Samarskaya VO, Kalinina NO, **Zavriev SK**, MacFarlane S, Love AJ, Taliansky M (2023). Plant Poly(ADP-Ribose) Polymerase 1 Is a Potential Mediator of Cross-Talk between the Cajal Body Protein Coilin and Salicylic Acid-Mediated Antiviral Defence. *Viruses* 15 (6), , [10.3390/v15061282](#)
11. Erokhina TN, Ryazantsev DY, **Zavriev SK**, Morozov SY (2023). Regulatory miPEP Open Reading Frames Contained in the Primary Transcripts of microRNAs. *Int J Mol Sci* 24 (3), 2114, [10.3390/ijms24032114](#)
12. Spechenkova NA, Kalinina NO, **Zavriev SK**, Love AJ, Taliansky ME (2023). ADP-Ribosylation and Antiviral Resistance in Plants. *Viruses* 15 (1), 241, [10.3390/v15010241](#)
13. Simonova MA, Melnikov VG, Lakhtina OE, Komaleva RL, Berger A, Sing A, **Zavriev SK** (2022).

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14. Samarskaya VO, Spechenkova N, Markin N, Suprunova TP, **Zavriev SK**, Love AJ, Kalinina NO, Taliansky M (2022). Impact of Exogenous Application of Potato Virus Y-Specific dsRNA on RNA Interference, Pattern-Triggered Immunity and Poly(ADP-ribose) Metabolism. *Int J Mol Sci* 23 (14), , [10.3390/ijms23147915](https://doi.org/10.3390/ijms23147915)
 15. (конференция) Ерохина ТН, Рязанцев ДЮ, **Завриев СК**, Морозов СЮ (2022). ПЕПТИДЫ, КОДИРУЕМЫЕ ТРАНСКРИПТАМИ - ПРЕДШЕСТВЕННИКАМИ МИКРО - РНК В РАСТЕНИЯХ. *Общество с ограниченной ответственностью "Институт новых информационных технологий" (Москва)* 30, 78–86, [10.47501/978-5-6044060-2-1.78-86](https://doi.org/10.47501/978-5-6044060-2-1.78-86)
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 19. (конференция) Rogozhin EA, Ryazantsev DY, **Zavriev SK**, Sadykova VS (2021). Novel hevein-like defense peptides from wild cereals. *FEBS Open Bio* 256 (S1), 384, <https://doi.org/10.1002/2211-5463.13205>
 20. (конференция) Barashkova AS, Ryazantsev DY, Sadykova VS, **Zavriev SK**, Rogozhin EA (2021). Thionins from blackseed (*Nigella sativa* L.) with multiple activity. *FEBS Open Bio* (S1), 384, <https://doi.org/10.1002/2211-5463.13205>
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 23. Lukianova AA, Evseev PV, Stakheev AA, Kotova IB, **Zavriev SK**, Ignatov AN, Miroshnikov KA (2021). Development of qPCR Detection Assay for Potato Pathogen *Pectobacterium atrosepticum* Based on a Unique Target Sequence. *Plants (Basel)* 10 (2), 1–13, [10.3390/plants10020355](https://doi.org/10.3390/plants10020355)
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 25. Goryunova MS, Arzhanik VK, **Zavriev SK**, Ryazantsev DY (2021). Rolling circle amplification with fluorescently labeled dUTP—balancing the yield and degree of labeling. *Anal Bioanal Chem* 413 (14), 3737–3748, [10.1007/s00216-021-03322-7](https://doi.org/10.1007/s00216-021-03322-7)
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 28. Rogozhin EA, Vasilchenko AS, Barashkova AS, Smirnov AN, **Zavriev SK**, Demushkin VP (2020). Peptide Extracts from Seven Medicinal Plants Discovered to Inhibit Oomycete a Causative Agent of Potato Late Blight Disease. *Plants (Basel)* 9 (10), 1–15, [10.3390/plants9101294](https://doi.org/10.3390/plants9101294)
 29. Kreuze JF, Vaira AM, Menzel W, Candresse T, **Zavriev SK**, Hammond J, Hyun Ryu K, Report Consortium I (2020). ICTV Virus Taxonomy Profile: Alphaflexiviridae. *J Gen Virol* 101 (5), 454–455, [10.1099/jgv.0.001436](https://doi.org/10.1099/jgv.0.001436)
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33. Ryazantsev DY, Rogozhin EA, Tsvetkov VO, Yarullina LG, Smirnov AN, **Zavriev SK** (2019). Diversity of Harpin-Like Defense Peptides from Barnyard Grass (*Echinochloa crusgalli* L.) Seeds. *Dokl Biochem Biophys* 484 (1), 6–8, [10.1134/S1607672919010022](https://doi.org/10.1134/S1607672919010022)
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37. Stakheev AA, Samokhvalova LV, Mikityuk OD, **Zavriev SK** (2018). Phylogenetic analysis and molecular typing of trichothecene-producing *Fusarium* fungi from Russian Collections. *Acta Naturae* 10 (2), 79–92, [10.32607/20758251-2018-10-2-79-92](https://doi.org/10.32607/20758251-2018-10-2-79-92)
38. Pivovarov VD, Ryazantsev DY, Simonova MA, Yegorova TV, Khlgatian SV, **Zavriev SK**, Svirshchevskaya EV (2018). [Immuno-PCR Assay for Quantitation of Antibodies to Epstein-Barr Virus]. *Mol Biol (Mosk)* 52 (4), 727–734, [10.1134/S0026898418040158](https://doi.org/10.1134/S0026898418040158)
39. Пивоваров ВД, Рязанцев ДЮ, Симонова МА, Димитриева ТВ, Хлгатын СВ, **Завриев СК**, Свирщевская ЕВ (2018). Разработка тест-систем для анализа антител к вирусу Эпштейна-Барр методом иммуно-ПЦР. 52 (4), 727–734, [10.1134/S0026898418040158](https://doi.org/10.1134/S0026898418040158)
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41. Pivovarov VD, Ryazantsev DY, Simonova MA, Yegorova TV, Khlgatian SV, **Zavriev SK**, Svirshchevskaya EV (2018). Immuno-PCR Assay for Quantitation of Antibodies to Epstein–Barr Virus. *Mol Biol* 52 (4), 629–635, [10.1134/S0026893318040155](https://doi.org/10.1134/S0026893318040155)
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45. Смирнов И, **Завриев С** (2018). Химическое оружие: современное состояние и контроль за выполнением международных соглашений. 62 (1), 76–84, [10.20542/0131-2227-2018-62-01-76-84](https://doi.org/10.20542/0131-2227-2018-62-01-76-84)
46. **(конференция)** Стахеев АА, Звездина ЮК, Микитюк ОД, **Завриев СК** (2018). Изучение токсинообразования и полиморфизма трихотеценовых генов у грибов рода *Fusarium* российских коллекций. *Успехи медицинской микологии* 19, 337–343.
47. Стахеев АА, Рязанцев ДЮ, Звездина ЮК, Баранов МС, **Завриев СК** (2018). Новая метка для количественной ПЦР на основе синтетического аналога хромофора зелёного флуоресцентного белка. 87 (7), 1089–1095, [10.1134/S0320972518070126](https://doi.org/10.1134/S0320972518070126)
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